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Annual status report of the greenhouse gas inventory of Turkey

1. This status report was prepared by the secretariat as part of the initial check of the greenhouse gas inventory submitted in accordance with decision 19/CP.8. It reflects the content of the inventory submission of 2008 as originally submitted by the Party.
2. In this report, the following abbreviations are used:

CRF: common reporting format
LULUCF: land use, land-use change and forestry
NIR: national inventory report
SBDT: sectoral background data tables

Notation keys

C: confidential
IE: included elsewhere
NA: not applicable
NE: not estimated
NO: not occurring

Greenhouse gases

CO₂: carbon dioxide
CH₄: methane
N₂O: nitrous oxide
HFCs: hydrofluorocarbons
PFCs: perfluorocarbons
SF₆: sulphur hexafluoride
NO_x: nitrogen oxides
CO: carbon monoxide
NMVOCs: non-methane volatile organic compounds
SO₂: sulphur dioxide

INTRODUCTION											
General information		Date of receipt			Date of resubmission			Comments			
	CRF ^a	21 August 2008									
	NIR										
	Additional information ^b										
	CRF provided for years	1990–2006									
	Base year or period ^c	1990									
	Gases covered	CO ₂	CH ₄	N ₂ O	HFCs	PFCs	SF ₆	NO _x	CO	NMVOCs	SO ₂
		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
National inventory report	Description	An NIR has not been submitted.									
	Language of NIR										

^a CRF refers to the common reporting format tables included in document FCCC/SBSTA/2006/9.

^b Additional information can be any information submitted by a Party in conjunction with the national inventory report (NIR) or CRF tables.

PART I													
Provision of information for the latest reported inventory year in the CRF: 2006													
Tables		Energy		Industrial processes		Solvent use		Agriculture		Land use, land-use change and forestry		Waste	
	Sectoral report tables	1	✓	2(I)	✓	3	✓	4	✓	5	✓	6	✓
				2(II)	✓								
	Sectoral background data tables	1.A(a)	✓	2(I).A-G	✓	3.A-D	✓	4.A	✓	5.A	✓	6.A	✓
		1.A(b)	✓	2(II).C	✓			4.B(a)	✓	5.B	✓	6.B	✓
		1.A(c)	✓	2(II).E	✓			4.B(b)	✓	5.C	✓	6.C	✓
		1.A(d)	✓	2(II).F	✓			4.C	✓	5.D			
		1.B.1	✓					4.D	✓	5.E			
		1.B.2	✓					4.E	✓	5.F			
		1.C	✓					4.F	✓	5 (I)			
		Bunkers separately								5 (II)			
									5 (III)				
									5 (IV)				
									5 (V)	✓			
Summary tables (emission totals)	Summary 1.A		✓	Summary 1.B		✓	Summary 2				✓		
Other tables	Summary 3		✓	Table 7 (Key categories)			Table 9(a) (Completeness)				✓		
	Table 10 (Trends)		✓				Table 9(b) (Completeness)						
Comments													
Totals	Provided for gases	CO ₂	✓	CH ₄	✓	N ₂ O	✓	HFCs	✓	PFCs	✓	SF ₆	✓
	Provided for years	1990–2006		1990–2006		1990–2006		2000–2006		2006		1996–2005	
CO ₂	Comparison of CO ₂ from fuel combustion	Reference approach		Sectoral approach		Difference more than 2 per cent		If difference is more than 2 per cent		Explanation provided			
		✓		✓		✓		✓					
HFCs, PFCs, SF ₆	Disaggregation by species			HFCs		PFCs		SF ₆					
				✓		✓							
	Reporting of actual and/or potential emission estimates in the consumption of halocarbons and SF ₆			Actual	Potential	Actual	Potential	Actual	Potential				
			✓										
Notation keys	Used in	Summary table 1.A		✓	Sectoral report tables		✓	Sectoral background data tables		✓			
	Comments												

PART II Provision of CRF tables for years reported																						
		Years																Information gaps relating to reporting ^b	Comments			
		Base year ^a	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004			2005	2006	
Energy	Sectoral report: Table 1		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
	SBDT	Table 1.A(a)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
		Table 1.A(b)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Table 1.A(c)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Table 1.A(d)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Table 1.B.1		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Table 1.B.2		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	No data are reported in this table, but notation keys NA, NE are used.
	Table 1.C		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	No data are reported in this table, but notation keys NE, NA, NO are used.	
Industrial processes	Sectoral reports:	Table 2(I)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Table 2(II)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	SBDT	Table 2(I).A-G		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Table 2(II).C		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	No data are reported in this table, but for year 2005 notation keys NA, NE are used.
		Table 2(II).E		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	No data are reported in this table, but notation key NA is used.
	Table 2(II).F		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	No data are reported in this table, but for years 1995-2004 notation key NE is used, for year 2005 notation keys NA, NE are used and for year 2006 notation keys NE, NA are used.
Solvent use	Sectoral report: Table 3		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	No data are reported in this table, but notation keys NA, NE are used.	
	SBDT	Table 3.A-D		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	No data are reported in this table, but notation key NE is used.

PART II
Provision of CRF tables for years reported (continued)

		Years																	Information gaps relating to reporting ^b	Comments	
		Base year ^a	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005			2006
Agriculture	Sectoral report: Table 4		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
	SBDT	Table 4.A		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		Numerical values are included only for population size and implied emission factors.
		Table 4.B(a)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
		Table 4.B(b)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
		Table 4.C		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
		Table 4.D		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		No data are reported in this table, but notation keys NA, NE are used.
		Table 4.E		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		No data are reported in this table, but notation key NA is used.
	Table 4.F		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
Land use, land-use change and forestry	Sectoral report: Table 5		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	SBDT	Table 5.A		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
		Table 5.B		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	No data are reported in this table, but for year 1990 notation key NA is used.
		Table 5.C		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	No data are reported in this table, but for years 1990-1999 notation key NA is used.
		Table 5.D				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓						✓
		Table 5.E			✓	✓	✓	✓	✓	✓	✓	✓	✓								✓
		Table 5.F																			
		Table 5 (I)																			
		Table 5 (II)																			
		Table 5 (III)																			
		Table 5 (IV)																			
	Table 5 (V)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	

PART II																							
Provision of CRF tables for years reported (continued)																							
		Years																	Information gaps relating to reporting ^b	Comments			
		Base year ^a	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005			2006		
Waste	Sectoral report: Table 6		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
	SBDT Table 6.A		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
	Table 6.B		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
	Table 6.C		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		No data are reported in this table, but notation key NA is used.		
Summary and other tables	SBDT	Summary 1.A		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
		Summary 1.B		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
		Summary 2 (CO ₂ equivalent emissions)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
		Summary 3 (Methods/emission factors)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
		Table 7 (Key categories)																					
		Table 8(a) (Recalculation – recalculated data)																					For the year(s) 1990-2005, only the columns relating to the latest submission are filled-in
		Table 8(b) (Recalculation – explanatory information)																					
		Table 9(a) (Completeness)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Table 9(b) (Completeness)																					
		Table 10 (Trends)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	

a This column indicates that the Party uses a base year other than 1990 in accordance with decision 9/CP.2 and 11/CP.4, and does not reflect the choice of a base year for the fluorinated gases.

b This column indicates that reporting gaps (blank cells) have been identified in a given table of the CRF. This was due to limited use, or lack of, notation keys (NO, NE, NA, IE, C).

PART III
Provision of information relating to recalculations

Table 8(a) (Recalculated data)		Comments	No information on recalculations is provided			
Recalculation for years						
Recalculated sectors/gases	Energy	Industrial processes	Solvent use	Agriculture	Land use, land-use change and forestry	Waste
CO ₂						
CH ₄						
N ₂ O						
HFCs						
PFCs						
SF ₆						
Table 8(b) (Explanatory information)						
Full CRF for the recalculated base year		Percentage difference in aggregate greenhouse gas base year estimate			with LULUCF without LULUCF	

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